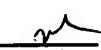


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	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
	10/660,167	09/11/2003	Paul Reuben Day	ROC920030144US1	7591
	30206 IBM CORPOR.	7590 06/22/2007 ATION		EXAMINER	
	ROCHESTER IP LAW DEPT. 917 3605 HIGHWAY 52 NORTH ROCHESTER, MN 55901-7829		PHAM, MICHAEL		
				ART UNIT	PAPER NUMBER
			2167		
				MAIL DATE	DELIVERY MODE
				06/22/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)			
Interview Summary	10/660,167	DAY ET AL.			
interview Summary	Examiner	Art Unit			
	Michael D. Pham M3	2167			
All participants (applicant, applicant's representative, PTO	personnel):				
(1) Michael D. Pham.	(3) Scott A. Stinebruner (reg #: 38323)				
(2) <u>Cam Y Truong</u> .	(4)				
Date of Interview: 20 June 2007.					
Type: a)⊠ Telephonic b)□ Video Conference c)□ Personal [copy given to: 1)□ applicant	2)  applicant's representative	e]			
Exhibit shown or demonstration conducted: d) Yes If Yes, brief description:	e)⊠ No.				
Claim(s) discussed: Claim 7.					
Identification of prior art discussed: <u>Thai</u> .					
Agreement with respect to the claims f) was reached.	g)□ was not reached. h)⊠ I	N/A.			
Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: <u>Applicant's representative explained the proposed amendments with respect to the novelty of the invention. The examiners concluded that the Thai reference does not appear to teach the proposed amendment; however reserve the right to further review the reference. The examiners suggested to remove the commas appearing before and after both the words "primary" and "background" for clarity.  (A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims</u>					
allowable, if available, must be attached. Also, where no o	lowable, if available, must be attached. Also, where no copy of the amendments that would render the claims lowable is available, a summary thereof must be attached.)				
THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.					
	•				
	Car	m/			
Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.	•	nature, if required			

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PATENT, TRADEMARK, COPYRIGHT AND UNFAIR COMPETITION LAW AND RELATED LITIGATION

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June 19, 2007

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### **FACSIMILE COVER SHEET**

To: Examiner Michael Pham

Art Unit 2167

The United States Patent and Trademark

Office

Fax: 571-273-3924

Enclosures:

Fax Cover Sheet containing Certificate of Facsimile Transmission (1 page)
Agenda and Proposed Amendments

· (1 page)

From: Scott A. Stinebruner

Re: Application No. 10/660,167

Filed: September 11, 2003

Applicant: Paul Reuben Day et al.

Confirmation No. 7591

Attorney Docket No. ROC920030144US1

Our File: IBM/256

Pages: 2 (including cover sheet)

### MESSAGE/COMMENTS

# Interview Agenda attached.

#### CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence and the enclosures noted herein (2 total pages, including cover sheet) are being transmitted via facsimile transmission to Examiner Michael Pham, The United States Patent and Trademark Office, at 571-273-3924 on June 19, 2007.

Judith L. Volk

Date

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### **Agenda and Proposed Amendments**

S/N 10/660,167

### **Agenda**

- -Discuss Claim Objections
- -Discuss 101 Rejections
- -Discuss 102 Rejections based upon Thai, in view of proposed amendment to claim 7

### **Proposed Amendments**

7. (Currently Amended) A method for executing a query that evaluates one or more records of a table according to predetermined selection criteria, comprising the steps of:

initializing a bitmap <u>having a plurality of elements</u>, wherein each element of the bitmap <del>corresponds</del> <u>corresponding</u> to a record of the table, and each element is initialized to an active value;

running a first, primary, task that individually retrieves each of the one or more records from storage according to whether the corresponding element of the bitmap has an active value;

running, concurrently with the first task, a second, background, task that is associated with the same query as the first task and that updates the bitmap by setting to an inactive value the respective element of the bitmap corresponding to any record that does not satisfy at least a portion of the selection criteria, wherein the first and second tasks are associated with the same query including:

scanning a column of the table using an index built over the column, wherein the portion of the selection criteria relates to record values within the column;

determining a set of records whose record values within the column do not satisfy the portion of the selection criteria; and

concurrently with the first task individually retrieving records from storage having corresponding active-value bitmap elements, changing the respective corresponding bitmap element to an inactive value for each record within the set of records; and

continuing to run the first task until all records from the table, having a corresponding active-value bitmap element, have been retrieved from storage, including accessing the bitmap in the first task before at least one element is set to an inactive value by the second task to determine whether to retrieve a record from storage;

wherein the first task accesses the bitmap before at least one element is set to an inactive value by the second task to determine whether to retrieve a record from storage.